

REMARKS

Claims 11-25 are pending in this application.

REJECTIONS UNDER § 112

Claim 11 was objected to for incomplete language. Claim 11 is amended in the manner suggested by the Examiner to enhance clarity of the claim language.

REJECTIONS UNDER § 112

Claims 15, 18, and 23 were rejected as being non-compliant with the definiteness requirement of § 112, second paragraph. Without conceding to the propriety of this rejection and in order to expedite prosecution of this application, claims 15, 18, and 23 are amended to even more fully satisfy the requirements of § 112, second paragraph. Accordingly, favorable consideration and withdrawal of this rejection are respectfully requested.

REJECTIONS UNDER § 102/103

The Office Action rejects certain claims in this application as being anticipated by Rotenberg et al., and/or being rendered obvious by Rotenberg et al. in view of Patterson et al.

The claimed inventions feature a plurality of instructions that are sorted into a plurality of instruction groups in advance. Further, a decoder circuit selects an instruction group based on a history of the inputted instruction code, and determines an instruction to be executed by the inputted instruction code. Thereby, plural instructions that are different from each other can correspond to one instruction code. As such, the plural instructions from different groups can be expressed by one instruction code, and many instructions can be expressed by instruction code that is shorter than conventional instruction code.

Unlike the claimed inventions, Rotenberg combines executed instructions in sequence and stores them in a cache which are usable when executing the same disposition again. Rotenberg does not sort the instructions into a plurality of instruction groups in advance, and cannot express different kinds of instructions by one instruction code, as in the claimed inventions.

In addition, neither Rotenberg nor Patterson discloses a decoder circuit comprising a code linkage part and an internal decoder part as in the claimed inventions. As such, this feature cannot be found in their combination and Patterson does not cure the deficiencies of Rotenberg.

For at least these reasons, Applicants respectfully submit that the claimed inventions are novel and non-obvious over Rotenberg and Patterson.

The Examiner is invited to contact the undersigned at 202-220-4200 to discuss any matter in connection with this application. The Office is hereby authorized to charge any fees under 37 C.F.R. 1.16 and 1.17 to the Kenyon & Kenyon Deposit Account No. 11-0600.

Respectfully submitted,

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